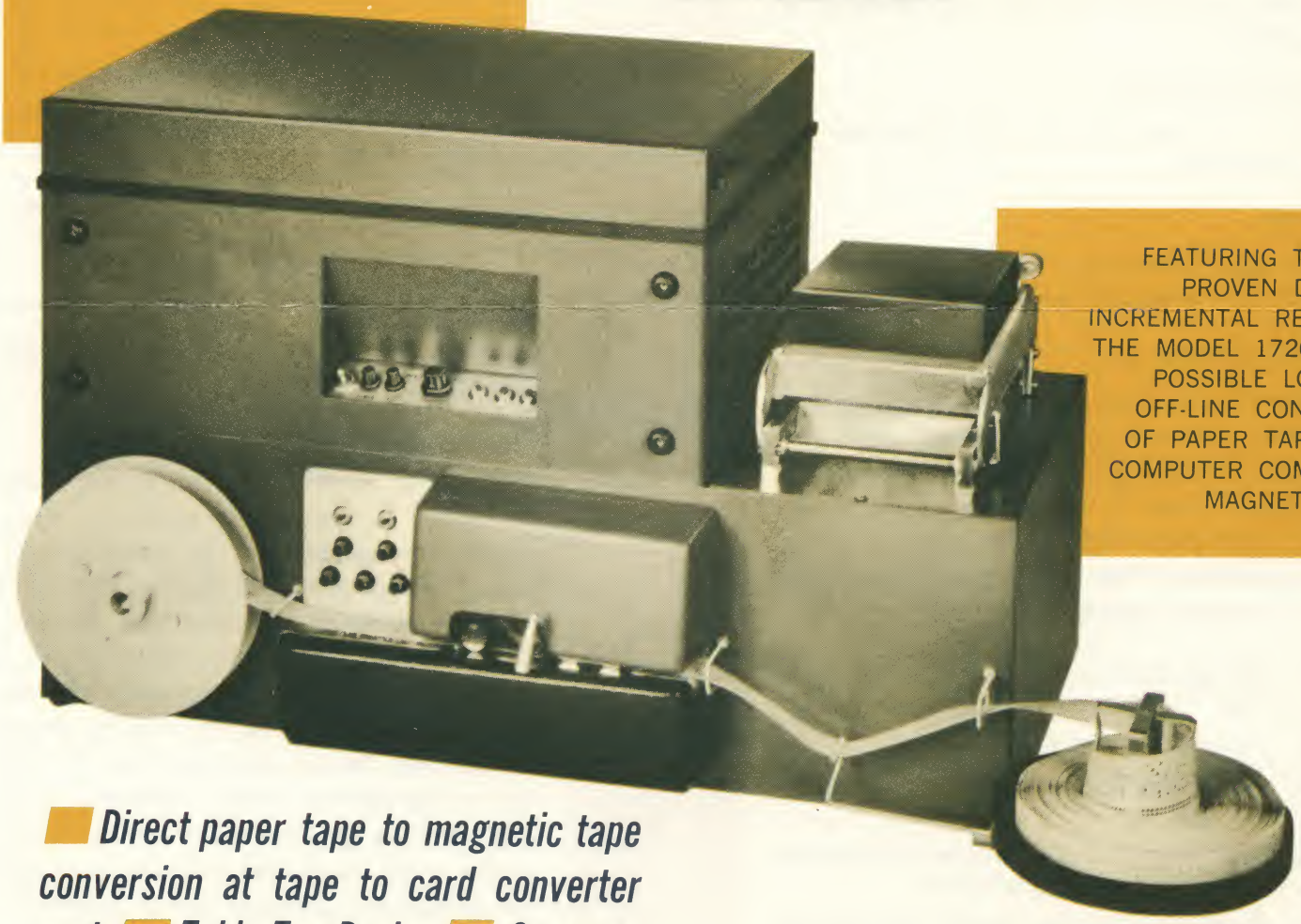
MODEL 1720

PAPER TAPE TO MAGNETIC TAPE CONVERTER



FEATURING THE TIME PROVEN DIGI-DATA INCREMENTAL RECORDER, THE MODEL 1720 MAKES POSSIBLE LOW COST OFF-LINE CONVERSION OF PAPER TAPES INTO COMPUTER COMPATIBLE MAGNETIC TAPE.

Direct paper tape to magnetic tape conversion at tape to card converter cost. Table Top Design Converts all paper tape codes Interchangeable program panels.

Digi-Data's 1720 paper tape to magnetic tape converter introduces table top design, a new concept in data processing. This compactness of style is characteristic of the new trend toward conveniently sized data processing systems. The 1720 converter can be installed on any desk or table top in an office and can be moved with ease.

In conjunction with its small size, the model 1720 performs what is properly an off-line function, thereby freeing expensive computer hardware for more important duties. Ease of operation is insured by permitting the operator to be seated during operation and is further enhanced through the use of the ever popular center unwind tape feed.

A variety of programming options permits flexibility of input programming including the checking of the validity of the input tape with the option of on the spot correction. Assembly of long records allows the most efficient use of the magnetic tape read-in time.

DDC

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SPECIFICATIONS: DIGI-DATA 1720 PAPER TAPE TO MAGNETIC TAPE CONVERTER

Paper Tape Reader

Photoelectric type accepting 5, 6, 7, or 8 level paper tape. Chadless tape reader, 16 level tape reader, and advanced feed hole readers are available.

Character Spacing

200 characters per inch; 556 characters per inch optional.

Logic

All logic is solid state. Component groups are mounted on plug-in boards for rapid service.

Programming

An IBM type removable programming panel is used to permit conversion from paper tape codes to IBM magnetic tape codes by means of jumpers wired in the program panel. A silk screened patch board is provided for ease of programming. The following functions can be accomplished with the patch board:

1. Conversion of 5, 6, 7, or 8 level paper tape codes to IBM format magnetic tape code.
2. Deletion of undesired characters.
3. Choice of even or odd lateral parity check for input tape.
4. Selection of code for command of insertion of IR gap in the magnetic tape.
5. Choice of even or odd parity generation for output tape.
6. Selection of even or odd echo check.
7. Selection of appropriate alarm signals to stop conversion process.
8. Programmable counter (optional) permits assembly of long records.

Indicator Lights

Power	Paper tape parity error
Tension	Invalid character
Echo check	End of tape
Data	Magnetic tape (tension)

Controls

On-off switch	Beginning of tape (load point) gap switch
Start switch	End of file switch
Stop switch	Record, fast forward, and rewind selection switch

Recording Speed

100 characters per second; 300 characters per second at extra cost.

Parity Circuits

Parity errors in the tape entering the reader are sensed by separate logic circuits. Parity errors at the record head are sensed by additional logic circuits. Detection of either event can be programmed to stop the conversion process or to omit the erroneous code. The echo check error light will light in both instances. Input tape errors can be corrected by editing and splicing. Manual re-start is required if the unit is programmed to stop. Necessary lateral parity bits are generated automatically. Longitudinal check characters and associated gaps are generated on command from programmer.

Paper Tape Spooling

Center unwind supply is standard. Removable face plate supply reel is optional. Removable face plate take-up reel is standard.

General

Size: 24″ x 14¾″ x 11½″

Current required: 115 volts 60 cycle; 2 amps

Weight: converter (bottom chassis) 40 pounds; transport 33 pounds.

Table top mounting

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DIGITAL STEPPING RECORDERS ■ DIGITAL DATA HANDLING EQUIPMENT